

PATENT

JC525 U.S. PTO

09/268146



and
100
in
of
100

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

**For: DATABASE COMPUTER SYSTEM USING LOGICAL LOGGING TO
EXTEND RECOVERY**

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed

in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with §1.97(e) is attached; or

☐ The fee of \$240.00 as set forth in §1.17(p) is attached.

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

☐ Certification in Accordance with §1.97(e) is attached; or

☐ The fee of \$240.00 as set forth in §1.17(p) is attached.

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were

previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:

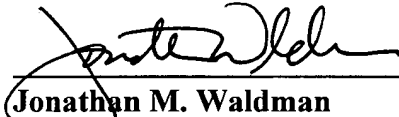
☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed .

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: March 15, 1999


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Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
MSFT-0038/36765.2

Serial No.
Not yet assigned

Applicant
David B. Lomet; Mark R. Tuttle

Filing Date
Herewith

Group
Not yet assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	5,257,369	10/26/93	Skeen et al.	395	650
	AB	5,325,528	6/28/94	Klein	395	650
	AC	5,371,889	12/6/94	Klein	395	650
	AD	5,701,480	12/23/97	Raz	395	671
	AE	5,806,065	9/8/98	Lomet	707	8
	AF	5,819,304	10/6/98	Nilsen et al.	711	5
	AG	5,832,508	11/3/98	Sherman et al.	707	200
	AH	5,857,207	1/5/99	Lo et al.	707	203

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER**DATE CONSIDERED**

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. MSFT-0038/36765.2	Serial No. Not yet assigned
		Applicant David B. Lomet; Mark R. Tuttle	
		Filing Date Herewith	Group Not yet assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Lomet, David B., "Persistent Applications Using Generalized Redo Recovery," consisting of 10 pages	
	AB	Lomet, David; Tuttle, Mark R., "Redo Recovery After System Crashes," <i>Proceedings of the 21th VLDB Conference, Zurich, Switzerland, 1995</i> , consisting of 14 pages	
	AC	Mohan, C.; Levine, Frank, "ARIES/IM: An Efficient and High Concurrency Index Management Method Using Write-Ahead Logging," 1992 ACM SIGMOD - 6/92/CA, USA, pp. 371-380	
EXAMINER		DATE CONSIDERED	